

1,100 mm

5-25-70

U.S. Department of Agriculture
Statistical Reporting Service and
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Environmental Science Services Admn.
Weather Bureau

Nebraska Department of Agriculture
Division of Agr'l. Statistics
Agricultural Extension Service
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 5/25/70

Week Ending 5/25/70

WEATHER Very warm weather prevailed over most of Nebraska the past week. Temperatures averaged from three to five degrees above normal in the Panhandle and about 10 to 13 degrees above normal in the eastern half of the State. Day-time readings were mostly in the 70's and 80's in the Panhandle and the 80's and 90's elsewhere. Scattered showers occurred across the State Thursday through Sunday. The showers were generally light except in local areas until Saturday night and Sunday night when they became heavy and widespread in the southeast portion. Many localities southeast of the line from Hastings to Sioux City received from one to two inches Sunday. Isolated spots received heavier amounts and some hail.

CROPS Localized rains were quite beneficial in replenishing topsoil moisture after hot, windy days had caused excessive evaporation; however, top soil in some areas remains dry at this time. There were a few reports of hail with damage generally light. The wheat crop is making good progress and has reached the boot stage in the southern Panhandle. Wheat is mostly headed out in the counties south of the Platte River. There are a few reports in the Panhandle of problems with pale western cutworms, mosaic and crown rot, but damage is localized.

Corn planting is nearing completion with 95 percent in the ground compared to an average of 84 percent. Many fields have emerged to good stands, and farmers have started applying herbicides, insecticides and some tillage operations. There has been a limited amount of replanting caused by crusting, dry soils and cutworms.

Sorghum planting is well under way with about 60 percent of the acreage planted compared to the five-year average of 42 percent. A few of the early plantings have started emerging to good stands.

Farmers have made very good progress with soybean planting and now have 60 percent in the ground compared to 30 percent average. A few of the early planted beans have started to emerge. Sugar beets are making good progress with only a limited amount of irrigating. Thinning operations have started on the most advanced fields. Potato planting is nearing the three-quarter mark with good field conditions. Alfalfa and wild hay conditions remain very good. Alfalfa is making good growth and cuttings for hay and dehydration have begun in the southeast and central areas.

LIVESTOCK Hot, windy conditions caused some discomfort to livestock. Pastures are growing well and cattle are moving into them. However, rains would be beneficial to grasses in some areas.

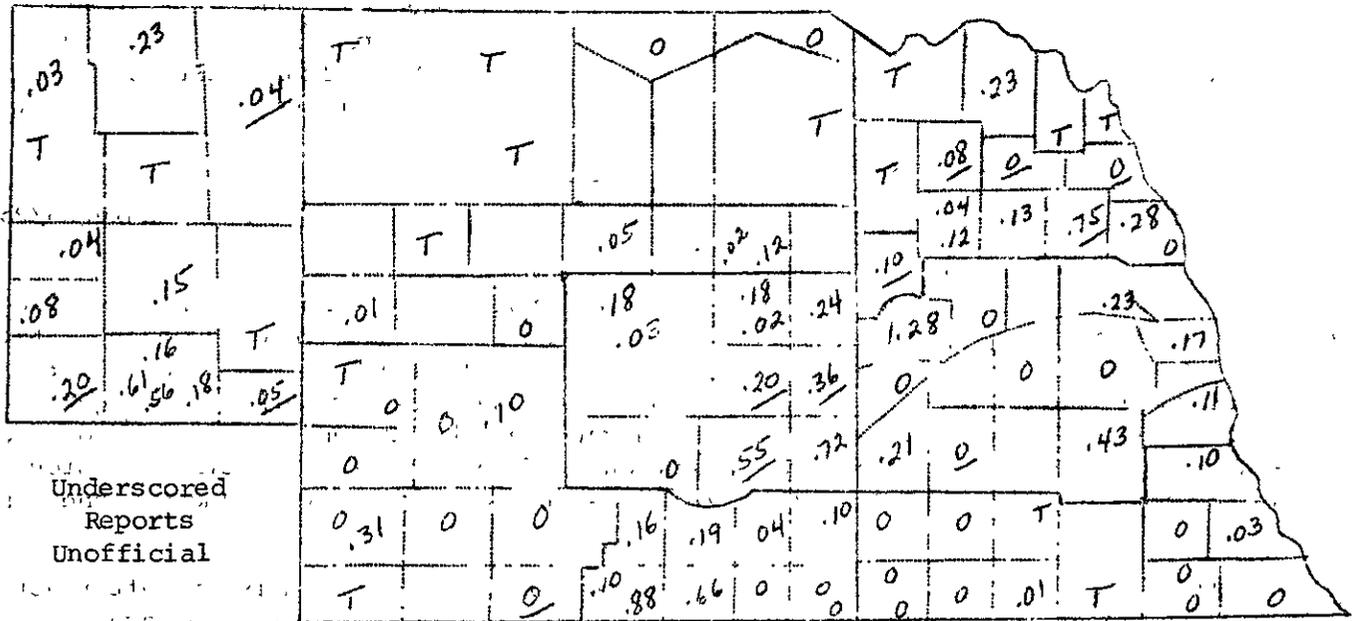
WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING MAY 24, 1970

<u>East</u>		<u>Central</u>		<u>West</u>	
Grand Island	1.16	Burwell	.44	Chadron	.32
Lincoln	1.89	North Platte	.30	Imperial	.73
Norfolk	.30	Valentine	.67	Scottsbluff	.04
Omaha	.92			Sidney	1.41
Sioux City	.29				

Precipitation, April 1 - May 22, 1970

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.16	.02	.09	.20	.24	.05	.21	.01
Total since April 1	3.59	3.86	4.22	2.95	3.57	1.91	3.16	4.00
Normal since April 1	3.85	4.31	4.76	4.61	4.87	4.08	4.63	5.32

PRECIPITATION MAP FOR WEEK ENDING MAY 22, 1970

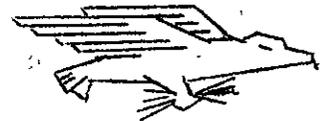


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HIGHEST AND LOWEST TEMPERATURE (Day-time highs, 6:00 a.m. to 6:00 p.m.;
Night-time lows, 6:00 p.m. to 6:00 a.m., CST)

		May 18th		19th		20th		21st		22nd		23rd		24th	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	80	48	77	50	92	50	62	43	65	45	76	52	75	37
	Scottsbluff	88	45	76	51	88	56	69	51	64	42	75	49	73	43
	Sidney	89	47	83	54	87	53	74	48	61	43	73	51	76	43
NC	Burwell	95	53	86	64	93	64	86	55	81	58	85	54	81	42
	Valentine	88	53	83	59	90	57	57	53	65	54	80	52	77	42
NE	Norfolk	97	62	91	69	92	70	93	57	79	59	78	58	81	49
	Sioux City	96	64	91	68	93	69	92	63	79	64	76	60	85	51
CEN	Grand Island	96	60	91	67	94	68	95	57	80	60	80	60	85	48
EC	Lincoln	92	65	90	68	92	72	92	70	90	62	79	64	85	55
	Omaha	89	65	87	66	90	69	91	64	89	63	77	61	85	52
SW	Imperial	97	46	92	60	93	59	84	54	80	50	79	57	85	47
	North Platte	95	49	88	63	92	64	85	53	77	49	80	57	83	42

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